

Converting Colors

Hex(4DE6B8)

Have a look what the booklet for
Hex(4DE6B8) contains.

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Color

Hex(4DE6B8)

Conversions

Conversions Part 1

Format	Color
Hex	4DE6B8
RGB	77, 230, 184
RGB Percent	30%, 90%, 72%
CMY	0.6980, 0.0980, 0.2784
CMYK	0.67, 0.00, 0.20, 0.10
HSL	162°, 75%, 60%
HSV	162°, 67%, 90%
XYZ	40.0091, 61.6321, 55.1349
YIQ	179.0090, -76.4220, -46.7420

Conversions

Conversions Part 2

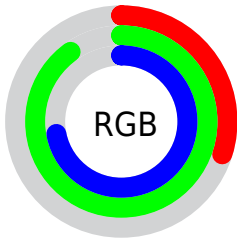
Format	Color
RYB	77, 167, 230
Decimal	5105336
CIELab	82.72, -50.78, 10.79
CIELCh	83, 51.917, 168.003
Yxy	61.6321, 0.2552, 0.3931
Android (android.graphics.Color)	4283295416 (0xFF4DE6B8)
YUV	179.0090, 2.4606, -89.4619
Hunter-Lab	78.5061, -46.4167, 13.3149

Details

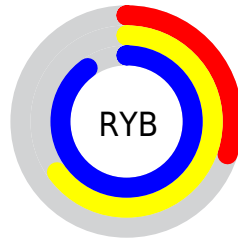
The Hex color **4DE6B8** is a light color, and the websafe version is hex **66FFCC**. The color can be described as light muted spring green. A complement of this color would be **E64D7B**, and the grayscale version is **B3B3B3**.

A 20% lighter version of the original color is **8EFFF0**, and **00AD83** is the 20% darker color. If you saturate the color by 10%, you get **36E6B1**, and if you desaturate by 10%, it is **64E6BF**.

Distribution



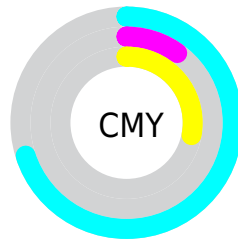
- Red (30%)
- Green (90%)
- Blue (72%)



- Red (30%)
- Yellow (65%)
- Blue (90%)



- Cyan (67%)
- Magenta (0%)
- Yellow (20%)
- Black (10%)



- Cyan (70%)
- Magenta (10%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4DE6B8 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 4DE6B8 by changing the saturation by 10% instead.

 4DE6B8

 4DE6B8

FFFFFF

 22C99D

 8EFFF0

 00AD83

 ADFFFF

 00926A

 CBFFFF

 007852

 EAFFFF

 005E3B

 004525

 002E10

 001100

 000000

 4DE6B8

 4DE6B8

 36E6B1

 64E6BF

 1FE6AA

 7BE6C6

 08E6A3

 92E6CD

 00E6A1

 A9E6D4

 C0E6DB

 D7E6E1

 EEE6E8

 FFE6EF

 FFE6F6

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



97E08B



4DE6B8



00E7EA

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



4DE6B8



B4C9FF



FFB387

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



4DE6B8



E64D7B

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFA7B2



4DE6B8



F7B6FF

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



4DE6B8



4FD9FF



FFA8E4



FDC46E

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



4DE6B8



00E5FF



FFA8E4



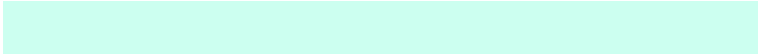
FFAE94

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



4DE6B8



CCFFF0



7DE64D



618076



000000



808080

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



4DE6B8



33FFC2



4DCAE6



67736F



00B37D



003324

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



E64D7B



FF3370



E6694D



73676B



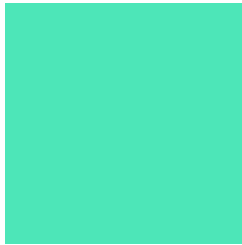
B30036



33000F

Previews

White Background



This preview shows how the Hex color 4DE6B8 looks on a white background.

Color Contrast Check

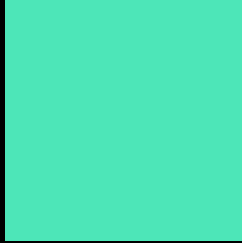
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 4DE6B8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

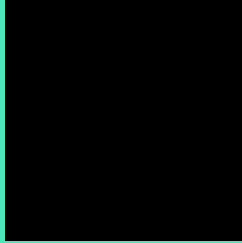
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

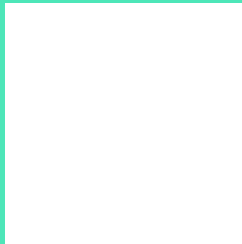
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 4DE6B8 Background



This preview shows how black text looks on a background with the Hex color 4DE6B8.

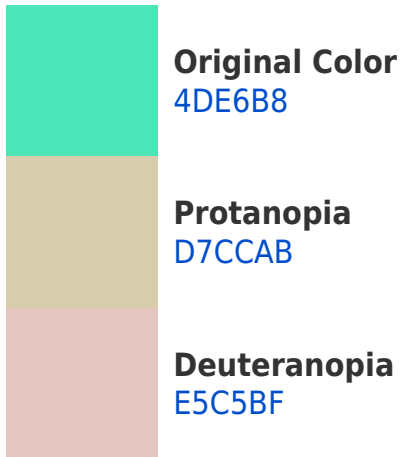


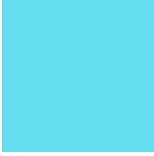
This preview shows how white text looks on a background with the Hex color 4DE6B8.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Tritanopia
64DEF0

Trichromacy



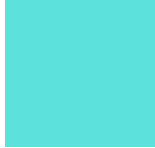
Original Color
4DE6B8



Protanomaly
A5D5B0



Deuteranomaly
AED1BC

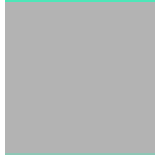


Tritanomaly
5CE1DC

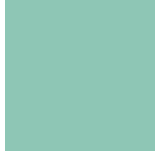
Monochromacy



Original Color
4DE6B8



Achromatopsia
B3B3B3



Achromatomaly
8EC6B5

CSS Examples

Text

The CSS property to change the color of the text to Hex 4DE6B8 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #4DE6B8 looks like.

```
.text, #text, p{  
    color:#4DE6B8  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #4DE6B8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4DE6B8
}
```

Border

The CSS property to change the border of an element to Hex 4DE6B8 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4DE6B8 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#4DE6B8 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #4DE6B8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4DE6B8; -webkit-box-shadow:4px 4px  
4px 4px #4DE6B8; box-shadow:4px 4px 4px  
4px #4DE6B8 }
```

Background

The CSS property to change the background color of an element to Hex 4DE6B8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4DE6B8 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#4DE6B8 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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